

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|                                       |   |   |
|---------------------------------------|---|---|
| Applicant's or agent's file reference | FOR FURTHER <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below</small><br>ACTION |   |
| International application No.         | International filing date (day/month/year)  | (Earliest) Priority Date (day/month/year) |
| PCT/US 01/ 24164                      | 31/07/2001  | 03/08/2000                                |
| Applicant                             |   |   |
| SELLE ROYAL S.P.A.                    |   |   |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing as furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

## 4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

SUPPORT STRUCTURE FOR A VEHICLE SEAT

## 5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

1

None of the figures

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 01/24164

B x III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The present invention is directed to a support structure for a vehicle, such as a bicycle. Specifically, the support structure of the present invention comprises an upper side having a seat surface which is supported on a rigid or semi-rigid frame (2) on which is anchored elastically flexible padding (3) there between. The support structure of the present invention further comprises an aperture (11) in an anterior portion of the frame said aperture (11) oriented at least partly in a direction of forward travel of the vehicle, and an air distribution channel (9) that is connected to the aperture (11) and is also connected to a plurality of air discharge openings (10) to ventilate the seat surface.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 01/24164

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B62J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B62J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No |
|----------|---|----------------------|
| X        | US 5 356 205 A (CALVERT NATHANIEL ET AL)<br>18 October 1994 (1994-10-18)<br>cited in the application<br>column 6, line 3 -column 6, line 21;<br>figure 10 | 1-10,<br>12-15       |
| Y        | EP 0 909 677 A (DAIMLER CHRYSLER AG)<br>21 April 1999 (1999-04-21)<br>the whole document  | 11                   |
| A        | DE 30 31 777 A (TITAU REINHOLD)<br>25 March 1982 (1982-03-25)<br>the whole document   | 1-10,<br>12-15       |
| A        | ---   | 1-15                 |
|          |   | -/-                  |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

12 October 2001

22/10/2001

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2

Authorized officer

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/US 01/24164

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages                                       | Relevant to claim No. |
|----------|--|-----------------------|
| A        | US 4 451 083 A (MARCHELLO JOHN L)<br>29 May 1984 (1984-05-29)<br>cited in the application<br>the whole document<br>----- | 1-15                  |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/24164

| Patent document cited in search report |   | Publication date |                      | Patent family member(s)                                 |  | Publication date                                     |
|--|---|------------------|----------------------|---|--|--|
| ✓ US 5356205                           | A | 18-10-1994       | NONE                 |   |  |  |
| EP 0909677                             | A | 21-04-1999       | DE<br>EP<br>JP<br>US | 19745521 A1 -<br>0909677 A1<br>11299575 A<br>6206465 B1 |  | 22-04-1999<br>21-04-1999<br>02-11-1999<br>27-03-2001 |
| DE 3031777                             | A | 25-03-1982       | DE<br>DE             | 3031777 A1<br>3121770 A1                                |  | 25-03-1982<br>16-12-1982                             |
| ✓ US 4451083                           | A | 29-05-1984       | NONE                 |   |  |  |